

WHAT IS CLAIMED IS:

1. A cap for a computer pointing device, comprising:
- a disc,
- a plurality of wire supports attached to a periphery of the disc;
- a bottom support; and
- an elastic cover that overlays the disc, the plurality of wire supports, and the bottom support.
2. The computer pointing device of claim 1, wherein a height of the cap above an upper surface of the bottom support is approximately equal to or greater than a diameter of the cap.
3. The cap of claim 1, wherein an upper surface of the disc is concave.
4. The cap of claim 1, wherein the disc and the bottom support comprises a hard plastic.
5. The cap of claim 1, wherein each of the plurality of wire supports comprises three wires encased in a flexible sleeve, wherein a first end of the first wire is adjacent to the disc, a second end of the first wire is adjacent to a first end of the second wire, and a second end of the second wire is adjacent to a first end of the third wire.
6. The cap of claim 5, wherein the flexible sleeve comprises at least one of plastic and rubber.

7. The cap of claim 5, wherein the first and second wires are approximately equal in length.

8. The cap of claim 5, wherein the first wire is shorter than the second wire.

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9. The cap of claim 5, wherein lengths of the first and second wires are such that the an upper surface of the cover exhibits a concave shape when deformed.

10. The computer pointing device of claim 5, wherein an upper surface of the bottom support comprises a plurality of holes, wherein each of the holes is adapted for receiving a portion of one of the plurality of wire supports that includes the third wire.

11. The cap of claim 1, wherein a shape of the cover is cylindrical, and wherein a first end of the cover is open.

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12. The cap of claim 11, wherein an inner surface of the cover comprises one or more scores, and wherein each of the scores is located on a circumference of the cylindrical inner surface.

13. The cap of claim 1, wherein the cover comprises plastic or rubber.

14. The cap of claim 1, further comprising a spring attached to a lower surface of the disc.

15. The cap of claim 14, wherein an upper surface of the bottom support comprises a depression to accommodate a lower portion of the spring.

16. A cap for a computer pointing device, comprising:

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a bottom support;

5 an elastic cover that overlays the bottom support, wherein the elastic cover has a cylindrical shape, and wherein a first end of the cover is open; and

one or more scores on an inner surface of the cover, wherein each of the scores is located along a circumference of the cylindrical inner surface.

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17. The computer pointing device of claim 16, wherein a height of the cap above an upper surface of the bottom support is approximately equal to or greater than a diameter of the cap.

15 18. The cap of claim 16, further comprising the cover filled with a deformable material.

19. The cap of claim 18, wherein the material comprises soft foam rubber, putty, air, or gel.

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20. The cap of claim 16, further comprising a plurality of wire supports located adjacent to the inner surface of the cover.

21. The cap of claim 20, wherein each of the plurality of wire supports comprises three wires encased in a flexible sleeve, wherein a first end of the first wire is adjacent to a second end of the cover, a second end of the first wire is adjacent to a first end of the second wire, and a second end of the second wire is adjacent to a first end of the third wire.

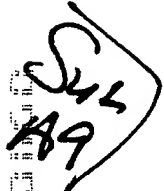
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22. The cap of claim 21, wherein the first and second ends of the second wire are each located adjacent to one of the scores on the inner surface of the cover.

23. The cap of claim 21, wherein the first wire and second wires are approximately
5 equal in length.

24. The cap of claim 21, wherein the first wire is shorter than the second wire.

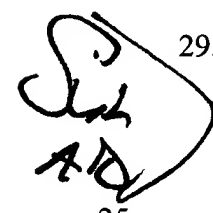
25. The cap of claim 21, wherein lengths of the first and second wires are such that
10 the an upper surface of the cover exhibits a concave shape when deformed.


26. ~~The computer pointing device of claim 21, wherein an upper surface of the bottom support comprises a plurality of holes, wherein each of the holes is adapted for receiving a portion of one of the plurality of wire supports that includes the third wire.~~

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27. The cap of claim 20, further comprising the cover filled with a deformable material.

28. The cap of claim 27, wherein the material comprises soft foam rubber, putty, air,
20 or gel.


29. A computer pointing device, comprising:

a control stick; and

a cap, comprising:

a bottom support, wherein the bottom support is positioned on an upper
surface of the control stick; and

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an elastic cover with a cylindrical shape, wherein a first end of the cover is open and is fitted over the bottom support and an upper portion of the control stick, and wherein an inner surface of the cover comprises one or more scores located along circumferences of the cylindrical inner surface.

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30. The computer pointing device of claim 29, wherein a bottom portion of the control stick is coupled to a computer keyboard.

31. The computer pointing device of claim 29, wherein a bottom portion of the control stick is coupled to a computer mouse.

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32. The computer pointing device of claim 29, wherein a height of the cap above an upper surface of the bottom support is approximately equal to or greater than a diameter of the cap.

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33. The computer pointing device of claim 29, further comprising the cover filled with a deformable material.

34. The computer pointing device of claim 29, wherein the cap further comprises a plurality of wire supports located adjacent to the inner surface of the cover.

35. The computer pointing device of claim 34, wherein each of the plurality of wire supports comprises three wires encased in a flexible sleeve, wherein a first end of the first wire is adjacent to a second end of the cover, a second end of the first wire is adjacent to a first end of the second wire, and a second end of the second wire is adjacent to a first end of the third wire.

36. The computer pointing device of claim 35, wherein the first and second ends of the second wire are each located adjacent to one of the scores on the inner surface of the cover.

37. The computer pointing device of claim 35, wherein an upper surface of the bottom support comprises a plurality of holes, wherein each of the holes is adapted for receiving a portion of one of the plurality of wire supports that includes the third wire.

38. The computer pointing device of claim 34, wherein each of the plurality of wire supports comprises two wires encased in a flexible sleeve, wherein a first end of the first wire is adjacent to a second end of the cover, a second end of the first wire is adjacent to a first end of the second wire, and a second end of the second wire is pivotally mounted in the bottom support.

39. The computer pointing device of claim 34, wherein the cap further comprises a disc adjacent to an inner surface of a second end of the cover, and wherein an end of the plurality of wire supports is attached to a periphery of the disc.

40. The computer pointing device of claim 39, wherein an upper surface of the disc is concave.

41. The computer pointing device of claim 39, wherein the cap further comprises a spring attached to a lower surface of the disc.

42. The computer pointing device of claim 41, wherein an upper surface of the bottom support comprises a depression to accommodate a lower portion of the spring.

43. The computer pointing device of claim 42, wherein a depth of the depression can accommodate the entire length of the spring when the spring is compressed.